LISTING OF THE CLAIMS

1.   (Original)   A method of constructing a system-independent key from a universal resource indicator for use in an index-less caching system, the method comprising converting characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource.

2.   (Original)   The method of claim 1 further comprising:

determining if the value string length exceeds a predetermined maximum file entry length for the caching system; and

converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than the maximum file entry length.

3.   (Original)   The method of claim 1 wherein the index-less caching system is a Web browser.

4.   (Original)   The method of claim 1 wherein the index-less caching system is a VoiceXML browser.

5.   (Original)   The method of claim 1 wherein the equivalent values are alphanumeric values.

6.   (Original)   The method of claim 5 wherein the alphanumeric values are hexadecimal values.

7.   (Original)   A machine readable storage medium storing a computer program which when executed constructs a system-independent key from a universal resource indicator for use in an index-less caching system, the computer program performing 'a method comprising converting characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource.

8.   (Original)   The machine readable storage medium of claim 7 further comprising:

determining if the value string length exceeds a predetermined maximum file entry length for the caching system; and

converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein each discrete file entry contains a number of values equal to or less than the maximum file entry length.

9.   (Original)   The machine readable storage medium of claim 7, wherein the index-less caching system is a Web browser.

10.   (Original)   The machine readable storage medium of claim 7, wherein the index-less caching system is a VoiceXML browser.

11.   (Original)   The machine readable storage medium of claim 7, wherein the equivalent values are alphanumeric values.

12.   (Original)   The machine readable storage medium of claim 11, wherein the alphanumeric values are hexadecimal values.

13.   (Original)   A system for constructing a system-independent key from a universal resource indicator for use in an index-less caching system, the system comprising a computer having:

        a database, the database storing a cached resource, the location of the cached resource identified by a universal resource indicator; and

        a central processing unit, the central processing unit converting characters of the universal resource indicator to equivalent values resulting in a value string having a value string length, the value string including a file name associated with a cached resource.

14.   (Original)   The system of claim 13, the central processing unit further determining if the value string length exceeds a maximum file entry length for the caching system, and converting the value string into discrete file entries including one or more directory entries and the file name associated with the cached resource, wherein

each discrete file entry contains a number of values equal to or less than the maximum

file entry length.

15.   (Original)   The system of claim 13, wherein the index-less caching system is a

Web browser.

16.   (Original)   The system of claim 13, wherein the index-less caching system is a

VoiceXML browser.

17.   (Original)   The system of claim 13, wherein the equivalent values are

alphanumeric values.

18.   (Original)   The system of claim 17, wherein the alphanumeric values are

hexadecimal values.